

CLAIMS:

1. A monitoring system for monitoring of a physiological activity of a recipient, comprising a set of electrodes having a working surface to be brought into a contact with the recipient's skin, said system being characterized in that each electrode comprises a body of an electrically conductive elastic material with the working surface exhibiting projections so
5 as to enable a substantially constant position of the contact with the recipient's skin.

2. A system according to claim 1, characterized in that the projections are arranged in a substantially uniform distributed pattern over the working surface with spacings between them.

3. A system according to claim 2, characterized in that the projections comprise metal particles.

4. A system according to any of the preceding claims, characterized in that the
15 electrode body is sandwiched between two layers of insulating material, tips of the projections being arranged to extend beyond a body of a isolating layer.

5. A system according to any of the preceding claims, characterized in that said system is a cardiac arrest monitoring system.

6. A system according to any of the preceding claims, characterized in that the electrodes are mounted on a fabric-based elastic belt of a wearable garment.

7. An electrode structure for use in a monitoring system according to any of the
25 preceding claims.